

REMARKS

Claims 36-55 are pending in this Application. Applicants thank the Examiner for his comments in the most recent Office Action mailed April 29, 2004. Applicants have amended claims 48, 49, 54 and 55 and believe the application is now in condition for allowance. Entry of this Amendment is respectfully requested.

Information Disclosure Statement

Applicants submitted a revised Information Disclosure Statement as well as complete copies of the articles contained therein. Applicants believe this submission complies with 37 CFR 1.98(a)(2).

35 U.S.C. § 112

The Examiner rejected claims 48-55 under 35 U.S.C. § 112, second paragraph. Applicants respectfully traverse the rejection. The Applicants have, however, amended the claims to further clarify what is claimed as suggested by the Examiner so as to place the claims in condition for allowance.

35 U.S.C. § 103


The Examiner rejected claims 36-47 under 35 U.S.C. § 103(a). Applicants respectfully traverse the rejection. Further, a review of the complete copies of the articles submitted on May 17, 2004 demonstrates that the articles, in combination with Sandrin *et al.* (WO 95/34202) or Cooper *et al.* (6,331,658), do not render the present invention obvious. There is also no suggestion to combine these references to arrive at the present invention. Further, Sandrin *et al.* (Nature Med.) teaches action on the substrate at an earlier Golgi subcompartment than the present invention, and it does not suggest that the different localization sequence would improve efficiency of competition. The references further teach away from use of the cytoplasmic domain for Golgi localization. (See Machamer p. 607). Finally, Sandrin *et al.* (Xenotransplantation) does not teach consideration of the most effective targeting domain.

In view of the above Amendments and Remarks, Applicants respectfully request a Notice of Allowance.

Respectfully submitted,

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